

Product Datasheet

Beta Ig-h3/TGFBI Antibody - BSA Free NBP1-88606

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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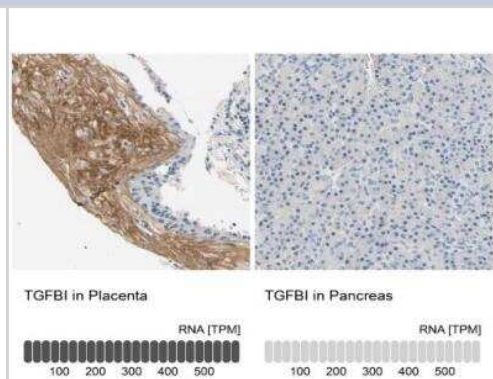
NBP1-88606

Beta Ig-h3/TGFBI Antibody - BSA Free

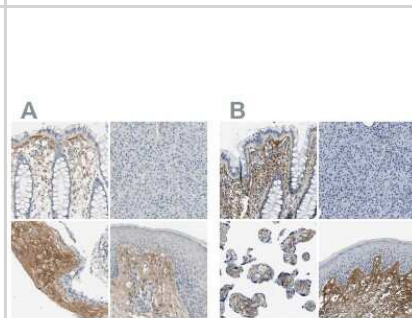
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit Beta Ig-h3/TGFBI Antibody - BSA Free (NBP1-88606) is a polyclonal antibody validated for use in IHC and Simple Western. Anti-Beta Ig-h3/TGFBI Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7045
Gene Symbol	TGFBI
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DHHATNGVVHLIDKVISITITNNIQQIIEIEDTFETLRAAVAASGLNTMLEGNGQYT LLAPTNEAFEKIPSETLNRILGDPEALRDLLNNHILKSAMCAEIVAGLSVETLEG TTLEVGCSDMLTINGKAIISNKD
Product Application Details	
Applications	Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Simple Western 1:25, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10-15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in U-251 MG lysates, separated by Size, antibody dilution of 1:25

Images

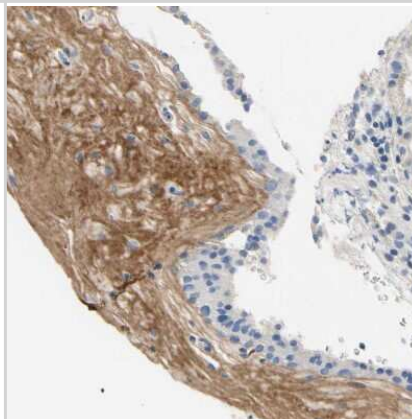
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Analysis in human placenta and pancreas tissues using NBP1-88606 antibody. Corresponding TGFBI RNA-seq data are presented for the same tissues.



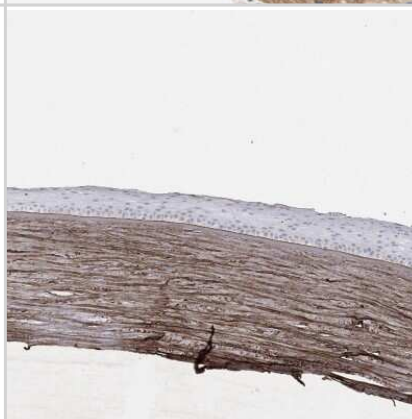
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human gastrointestinal, pancreas, placenta and skin using Anti-Beta Ig-h3/TGFBI antibody NBP1-88606 (A) shows similar protein distribution across tissues to independent antibody NBP2-48534 (B).



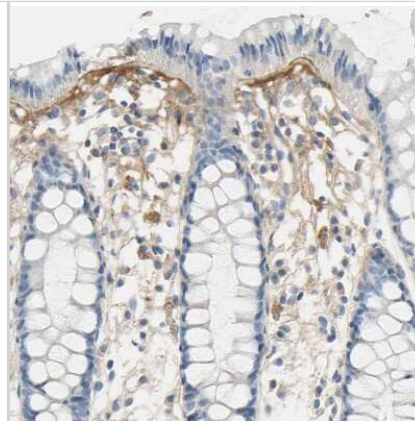
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human placenta shows moderate to strong membranous positivity in stromal cells.



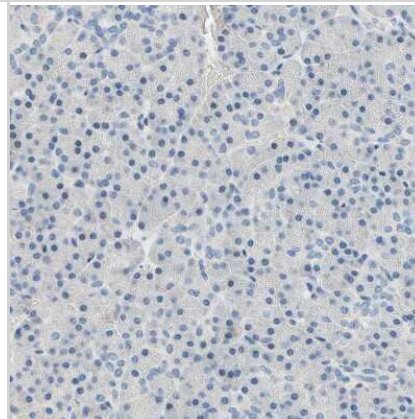
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human eye shows moderate extracellular positivity in cornea.



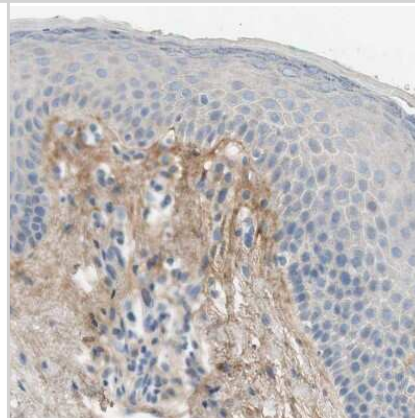
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human gastrointestinal shows moderate positivity in extracellular matrix of glandular cells.



Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



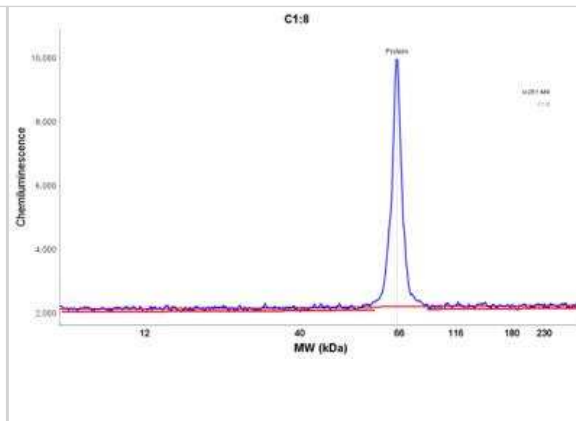
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human skin shows moderate positivity in extracellular matrix of dermis.



Simple Western: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Simple Western lane view shows a specific band for Beta Ig-h3/TGFBI in 0.2 mg/ml of U-251 MG lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation systems.



Simple Western: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Electropherogram image of the corresponding Simple Western lane view. Beta Ig-h3/TGFBI antibody was used at 1:25 dilution on U-251 MG lysate(s) respectively.



Publications

Zhu J, Chen X, Liao Z et al. TGFBI protein high expression predicts poor prognosis in colorectal cancer patients. *Int J Clin Exp Pathol* 2015-01-01 [PMID: 25755764] (IF/IHC, Human)

Kuot A, Hewitt AW, Griggs K et al. Association of TCF4 and CLU polymorphisms with Fuchs' endothelial dystrophy and implication of CLU and TGFBI proteins in the disease process. *Eur J Hum Genet* 2012-06-01 [PMID: 22234156]

Kashyap MK, Harsha HC, Renuse S et al. SILAC-based quantitative proteomic approach to identify potential biomarkers from the esophageal squamous cell carcinoma secretome. *Cancer Biol Ther* 2010-10-01 [PMID: 20686364]



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Products Related to NBP1-88606

NBP1-88606PEP	Beta Ig-h3/TGFBI Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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